
This major is designed to prepare students with the business and computer-related knowledge necessary to enter a career in the information systems field. The Information Systems program allows students to combine functional business skills with technology skills for the development, implementation, management, and strategic direction of information systems. The program provides graduates with the necessary analytical, technical, and managerial background to function effectively in information systems organizational environments. Information Systems graduates will be able to implement, coordinate and direct information systems activities of an organization, including systems analysis, database administration and electronic records management, network data communications, business analytics, and project management.

A – GENERAL EDUCATION CORE – 42 HOURS

Students must fulfill the General Education Core requirements. The courses listed below satisfy both degree requirements and General Education core requirements.

Required

020 - Mathematics – 3 hours

MATH 1314 College Algebra

080 - Social and Behavioral Sciences – 3 hours

ECON 2301 Principles of Macroeconomics

090 - Integrative and Experiential Learning – 3 hours

QUMT 2398 Decision Analytics

B – MAJOR REQUIREMENTS – 78 HOURS (60 advanced)

1 – Business Core – 48 hours (30 advanced)

a – Business Foundation – 18 hours

ACCT 2301 Introduction to Financial Accounting

ACCT 2302 Introduction to Managerial Accounting

INFS 2300 Data Modeling Management Tools

ECON 2302 Principles of Microeconomics

MGMT 1301 Introduction to Business

QUMT 2341 Business Statistics I

b – Advanced Business Core – 30 hours (30 advanced)

BLAW 3337 Business Law I

QUMT 3341 Business Statistics II

FINA 3380 Introduction to Finance

MARK 3300 Principles of Marketing

MGMT 3361 Principles of Management

MGMT 4389 Strategic Management

Choose one (Management Information Systems):

INFS 3390 Management Information Systems

ACCT 3326 Accounting Information Systems

Choose one (International Business):

ACCT 3350 International Accounting

ECON 3353 International Trade

FINA 4381 International Finance

INFS 3380 Global Information Technology

INTB 3330 International Business

MARK 3310 International Marketing

MGMT 4311 International Management

Choose one (Ethics):

ACCT 4350 Ethics for Accountants

MARK 3330 Business Ethics and Corporate Social Responsibility

MGMT 4304 Business and Society

Choose one (Business Communications):

COMM 3313 Business and Technical Communication

MARK 3320 Personal Branding and Communication

MGMT 3335 Communication Policy and Strategy

2 – Information Systems Core – 30 hours (30 advanced)

a – Information Systems Foundation – 21 hours (21 advanced)

INFS 3308 Business Information Infrastructure
INFS 3310 Introduction to Business Programming
INFS 3335 Database Management
INFS 3336 Systems Analysis
INFS 3338 Computer Networks and the Internet
INFS 4308 Project Management
QUMT 4343 Quantitative Methods for Decision-Making in Business

b – Advanced Information Systems Core – 9 hours (9 advanced)

Choose from:

INFS 3300 Internship in Information Systems
INFS 3320 Organizational Information Assurance
INFS 3330 Business Process Logic
INFS 3395 ERP Implementation
INFS 4312 E-Commerce Design
INFS 4330 Business Intelligence
INFS 4340 Information Systems and Governance
INFS 4391 Information Security
INFS 4395 ERP Customization
INFS 4397 Health Computer Information Systems
INFS 4399 Selected Topics in Information Systems

TOTAL CREDIT HOURS FOR GRADUATION – 120 HOURS

TOTAL ADVANCED HOURS – 60 HOURS

ADMISSION, PROGRESSION, AND GRADUATION REQUIREMENTS, if applicable:

Admission requirements

1. Student must complete all 18 hours of Business Foundation Courses, and a minimum of 15 General Education credits hours including ECON 2301, before applying to VCoBE.
2. Grades of 'C' or better in all Business Foundation courses.
3. Grade of 'C' or better in ECON 2301.
4. A minimum 2.5 GPA in combined General Education Core & Business Foundation completed coursework.
5. All students pursuing a Bachelor of Business Administration, Bachelor of Arts in Economics, or Bachelor of Science in Materials Management and Logistics from VCoBE, must apply for and be admitted to the VCoBE before they are allowed to enroll in the Advanced Business Core and Major coursework for their degree.

Progression requirements

1. Students must earn a grade of 'C' or better in all advanced (3xxx-4xxx) BBA-applicable courses in order to earn program credit towards this major. Students must maintain a minimum 2.5 GPA.

Graduation requirements

Students must have:

1. A minimum 2.5 GPA in combined Advanced Business Core & Information Systems Core coursework.
2. An overall minimum 2.5 GPA required.
3. In addition to the graduation requirements listed in the UTRGV 2017-2019 Undergraduate Catalog, demonstration of proficiency in a language other than English is required at the undergraduate level equivalent to a minimum of six credit hours. Proficiency can be demonstrated by a college credit exam, a placement test approved through the UTRGV Department of Writing and Language Studies, and/or up to six credit hours of college-level language coursework.